

Title (en)
Method and device for bending workpieces

Title (de)
Verfahren sowie Vorrichtung zum Biegen von Werkstücken

Title (fr)
Procédé et dispositif destinés au pliage de pièces

Publication
EP 1961502 A3 20130911 (DE)

Application
EP 08405039 A 20080214

Priority
CH 3112007 A 20070223

Abstract (en)
[origin: EP1961502A2] The method involves determining and storing additionally the leg length and the leg length change of the workpiece (20) for different bending angles and computing and storing on the recorded and computed value of the K-factor for the workpiece. The leg length and the leg length change are computed and stored on the internal bending radius. An independent claim is also included for a bending device for bending the workpiece.

IPC 8 full level
B21D 5/00 (2006.01); **B21D 5/02** (2006.01)

CPC (source: EP)
B21D 5/004 (2013.01); **B21D 5/006** (2013.01); **B21D 5/02** (2013.01)

Citation (search report)
• [AD] DE 102005012384 A1 20060713 - SIEMENS AG [DE]
• [A] US 4564765 A 19860114 - BLAICH MICHAEL [DE]
• [A] JP S6321505 A 19880129 - AMTECH CORP
• [A] EP 1398094 A1 20040317 - TRUMPF WERKZEUGMASCHINEN GMBH [DE]

Cited by
DE102010009811A1; CN108941261A; CN109500156A; CN112536344A; AT508857B1; US8683834B1; US9108237B1; US2015241208A1; US10302425B2; DE102010009811B4; CN104942076A; CN104942045A; AT520563B1; AT520563A4; CN114309149A; AT523360A1; AT523360B1; US11156454B2; US9527122B2; US9003848B2; WO2015196224A1; WO2011000011A1; WO2011000013A1; US9003847B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1961502 A2 20080827; EP 1961502 A3 20130911; EP 1961502 B1 20141022; PT 1961502 E 20141106

DOCDB simple family (application)
EP 08405039 A 20080214; PT 08405039 T 20080214